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SDHD wt Allele

National Cancer Institute

Source

National Cancer Institute. *SDHD wt Allele*. NCI Thesaurus. Code C97780.

Human SDHD wild-type allele is located in the vicinity of 11q23 and is approximately 33 kb in length. This allele, which encodes succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial protein, is involved in the localization of enzyme activity of the electron transport chain. Mutation of the gene is associated with hereditary paraganglioma type 1, pheochromocytoma, Carney-Stratakis syndrome and Cowden-like syndrome. Mutations also may be associated with intestinal carcinoid tumor.